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[54] **GAS CHROMATOGRAPHY/MASS SPECTROMETRY DETERMINATION OF ASCORBATE AND OXIDATION PRODUCTS THEREOF**

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436/96; 436/131; 436/161; 436/173; 73/19.02;  
73/23.35

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436/18, 96, 161, 131, 173, 93

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[57]

ABSTRACT

A method for quantifying in vivo ascorbate concentration in body fluids uses gas chromatography/mass spectrometry (GC/MS). Further provided is a method for measuring redox potentials of body fluid by determining the ratio of in vivo concentration of ascorbate to one or more of its metabolites.

19 Claims, 4 Drawing Sheets

